

IN THE CLAIMS

The following is a complete listing of the claims. This listing replaces all earlier versions and listings of the claims.

Claim 1 (currently amended): A copying machine including an image reading unit and an image output unit for printing [[out]] an image read by the image reading unit ~~as a~~ copy, said copying machine comprising:

a network interface for connecting said copying machine to a network;
[[an]] operation section means for performing a display through which
~~an image output apparatus is specified, when said copying machine is connected to a network to~~
~~which at least one said image output apparatus excluding said copying machine is connected~~
~~displaying a plurality of image output apparatuses connected to the network, and for inputting a~~
~~user instruction for selecting an image output apparatus, for which calibration is performed, from~~
~~the displayed plurality of image output apparatuses;~~

~~pattern output means for causing the selected image output apparatus~~
~~specified through said operation section to output a predetermined test pattern; and~~

~~correction data generation means for causing the image reading unit to~~
~~read the predetermined pattern output by the image output apparatus specified through said~~
~~operation section and generating correction data used for correcting an image output condition~~
~~for said image output apparatus specified, based on a result of reading by said image reading unit,~~
~~generating correction data for the selected image output apparatus, based on test pattern data~~

obtained from said image reading unit which read the predetermined test pattern outputted by the selected image output apparatus; and

~~wherein data for correcting the image output condition of said image output apparatus is updated with the correction data generated by said correction data generation means~~ setting means for setting the generated correction data as correction data for the selected image output apparatus.

X) Claim 2 (currently amended): A copying machine ~~as claimed in~~ according to claim 1, ~~further comprising register means for registering~~ wherein said setting means registers the data generated by said correction data generation means in [[said]] the image output apparatus through the network.

Claim 3 (currently amended): A copying machine ~~as claimed in~~ according to claim 1, wherein at least one [[said]] image output apparatus, which is connected to the network, performs printing [[out]] by means of an electro-photographic system.

Claim 4 (currently amended): A copying machine ~~as claimed in~~ according to claim 1, wherein at least one [[said]] image output apparatus, which is connected to the network, performs printing [[out]] by means of an ink jet system.

Claim 5 (currently amended): A copying machine ~~as claimed in~~ according to claim 1, wherein the predetermined test pattern [[has]] includes a plurality of patterns each of which consists of a plurality of units for reading, each unit differing in [[the]] an image output condition, and units having the same image output condition between the plurality of patterns have different relative position positions in the output predetermined test pattern.

Claims 6-8 (canceled)

Claim 9 (currently amended): An image processing system ~~as claimed in~~ according to claim [[8]] 1, wherein said calibration pattern output means causes [[the]] a plurality of image output apparatus apparatuses selected by said operation means to output [[the]] respective predetermined test patterns at the same time.

Claim 10 (currently amended): An image processing system ~~as claimed in~~ according to claim [[9]] 1, wherein said calibration pattern output means causes [[the]] a plurality of image output apparatus apparatuses selected by said operation means to output the predetermined test pattern and respective identification information for identifying [[the]] each image output apparatus outputting [[said]] the predetermined test pattern[[,]] together.

Claim 11 (currently amended): An image processing system ~~as claimed in~~ according to claim 10, wherein said calibration correction data generation means specifies [[the]]

an image output apparatus according to the identification information and controls [[the]] an image output condition of the image output apparatus specified.

Claim 12 (currently amended): An image processing system ~~as claimed in according to~~ claim 11, wherein ~~said calibration means causes~~ said image reading means to read unit reads respective predetermined test patterns output outputted by the plurality of image output apparatus apparatuses at one time and said correction data generation means specifies respective an image output apparatus according to the identification information read together with the predetermined test pattern.

Claim 13 (currently amended): An image processing system ~~as claimed in according to~~ claim 12, wherein [[said]] the identification information includes a series of symbols symbol series as the identification information.

Claim 14 (currently amended): An image processing system ~~as claimed in according to~~ claim 12, wherein [[said]] the identification information includes a barcode as the identification information.

Claim 15 (currently amended): An image processing system ~~as claimed in according to~~ claim 12, wherein [[said]] the identification information includes a network address of the image output apparatus connected to the network, ~~as the~~ information.

Claims 16, and 17 (canceled)

Claim 18 (currently amended): An image processing system ~~as claimed in~~ according to claim [[17]] 1, wherein said ~~specifying means includes search means for searching~~ ~~operation means searches~~ the plurality of image output apparatuses, ~~display means for displaying~~ ~~an and displays~~ identification information for identifying the image output apparatus searched by said ~~search means~~ ~~apparatuses~~ in a list formation, ~~wherein an and~~ ~~operation means for selecting~~ one of the image output apparatus is selected from the displayed list displayed by ~~display means~~.

Claims 19-30 (canceled)

Claim 31 (currently amended): An image processing method of controlling a copying machine including an image reading means and an image output unit, connected to a plurality of image output apparatuses via a network, performing image processing using the image reading means, said method comprising:

a first control step [[for]] of controlling an operation of each of [[a]] the plurality of image output apparatuses connected to [[a]] the network;

a specifying step [[for]] of specifying at least one [[of the]] image output apparatus, for which calibration is to be performed, from the plurality of image output apparatuses, wherein said specifying step includes a search step of searching the plurality of image output apparatuses, a display step of displaying an identification information for

identifying the image output apparatuses searched in said search step in a list formation, and an operation step of selecting one of the image output apparatus from the list displayed in said display step; and

a second control step [[for]] of controlling an image output condition for the specified image output apparatus specified by said specifying means, based on [[read]] data read by [[said]] the image reading means.

Claim 32 (canceled)

Claim 33 (currently amended): An image processing method as claimed in according to claim 31,

wherein said first controlling step for controlling controls the plurality of image output apparatuses connected to the network to output respective predetermined test patterns at the same time,

wherein said specifying step for specifying specifies a relation relationship between the outputted predetermined test pattern output and the image output apparatus outputting [[said]] the predetermined test pattern, and

wherein said second control step for calibration controls the respective image output conditions of the plurality of image output apparatuses, based on [[read]] the specified relationship and data of the predetermined test pattern, in the relation specified, read by [[said]] the image reading means.

Claims 34-37 (canceled)

Claim 38 (new): A copying machine including an image reading unit and an image output unit for printing an image read by the image reading unit, said copying machine comprising:

a network interface for connecting said copying machine to a network;

an operation section adapted to display a plurality of image output apparatuses connected to the network, and to input user instructions for selecting an image output apparatus, for which calibration is performed, from the displayed image output apparatuses;

~~X~~ a pattern output section adapted to cause the selected image output apparatus to output a predetermined test pattern;

a correction data generation section adapted to generate correction data for the selected image output apparatus, based on test pattern data obtained by from said image reading unit which read the predetermined test pattern outputted by the selected image output apparatus; and

a setting section adapted to set the generated correction data as correction data for the selected image output apparatus.

Claim 39 (new): An image processing method of controlling a copying machine including an image reading unit and an image output unit, said method comprising the steps of:

searching a plurality of image output apparatuses connected via a network;

displaying the plurality of image output apparatuses searched in said search step;

inputting user instructions for selecting an image output apparatus, for which calibration is performed, from the displayed plurality of image output apparatuses;

causing the selected image output apparatus to output a predetermined test pattern;

generating correction data for the selected image output apparatus, based on test pattern data obtained from the image reading unit which read the predetermined test pattern outputted by the selected image output apparatus; and

setting the generated correction data as correction data for the selected image output apparatus.

Claim 40 (new): A memory medium storing a program readable by an information processing apparatus for implementing a method of controlling a copying machine including an image reading unit and an image output unit, the method comprising:

a search step of searching a plurality of image output apparatuses connected via a network;

a display step of displaying the plurality of image output apparatuses searched in said search code;

a reception step of receiving an input from a user for selecting an image output

apparatus, for which calibration is performed, from the displayed plurality of image output apparatuses;

an output step of causing the selected image output apparatus to output a predetermined test pattern;

(X)
a generation step of generating correction data for the selected image output apparatus, based on test pattern data obtained from the image reading unit, which read the predetermined test pattern outputted by the selected image output apparatus; and

a setting step of setting the generated correction data as correction data for the selected image output apparatus.
